

## EAST Search History

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|---------|---|---|------------------|---------|---------------------|
| L4    | 2597    | (toru and futami).in.<br>(tomohiro and ohkawa).in.<br>(tomoyuki and oikawa).in. (akira and kawai).in. (koji and katayama).in. (keiichiro and nishizawa).in. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/06/07<br>17:55 |
| L5    | 119     | L4 and channel  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/06/07<br>17:55 |
| L6    | 2689077 | microchannel<br>microfluidic channel<br>capillary   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR               | ON      | 2009/06/07<br>17:57 |
| L7    | 10400   | 6 with catalyst   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR               | ON      | 2009/06/07<br>17:57 |
| L8    | 1484    | 7 and "422"/\$.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR               | ON      | 2009/06/07<br>17:57 |
| L9    | 527     | 8 and ((recycl\$<br>return\$ recirculat<br>\$5)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR               | ON      | 2009/06/07<br>17:58 |
| L10   | 352     | 8 and ((recycl\$<br>return\$ recirculat<br>\$5) same catalyst)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR               | ON      | 2009/06/07<br>17:58 |
| L11   | 583711  | "422"/\$.ccls. "210"/\$.<br>ccls. "435"/\$.ccls.<br>"436"/\$.ccls. "204"/\$.<br>ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR               | ON      | 2009/06/07<br>18:04 |
| L12   | 436845  | immiscible ((aqueous<br>polar) with (organic<br>nonpolar non-polar<br>(non adj polar)))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR               | ON      | 2009/06/07<br>18:04 |

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| L13 | 735726 | diffuse diffusivity diffusion  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT       | OR | ON | 2009/06/07<br>18:04 |
| L14 | 4571   | L12 same L13   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT       | OR | ON | 2009/06/07<br>18:04 |
| L15 | 393    | L14 and L11 and L6   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT       | OR | ON | 2009/06/07<br>18:04 |
| L16 | 241    | 15 and (catalyst<br>(recirculat\$5 recycl\$5<br>return\$5))                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>18:05 |
| L20 | 14609  | phase adj transfer<br>adj catalyst   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>18:36 |
| L21 | 287973 | microchannel<br>microfluidic capillary<br>microreactor (fine<br>adj channel) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>18:36 |
| L22 | 19     | 20 same 21   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>18:36 |
| L23 | 871    | 20 and 21  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>18:36 |
| L27 | 852    | 23 not 22  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>18:47 |
| L28 | 420    | 27 and (interface<br>interfacial immiscible<br>diffus\$5 diffusivity)        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>18:48 |
| L29 | 213    | 28 and (recycl\$5<br>recirculat\$5 return<br>\$5)                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>18:48 |
| L30 | 823    | 422/234,235.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:05 |

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| L31 | 280   | 30 and catalyst  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:05 |
| L32 | 38    | 31 and (channel<br>microchannel)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:05 |
| L33 | 2315  | ((fine adj channel)<br>microchannel<br>microfluidic<br>microreactor<br>capillary).clm. and<br>(circulat\$5 recirculat<br>\$5 recycl\$5 return<br>\$5).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:38 |
| L34 | 73    | 33 and catalyst.clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:38 |
| L35 | 15805 | ((aqueous with<br>organic) immiscible)<br>same (interface<br>interfacial boundary<br>diffus\$8)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:40 |
| L36 | 10728 | 35 and reaction  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:40 |
| L37 | 4058  | 35 same reaction   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:40 |
| L38 | 2428  | 37 and (catalyst<br>catalytic)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:41 |
| L39 | 939   | 38 and (circulat\$8<br>recirculat\$8 recycl\$8<br>return\$8)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:41 |
| L40 | 8989  | ((aqueous with<br>organic) immiscible)<br>with (interface<br>interfacial boundary<br>diffus\$8)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:42 |
| L41 | 351   | 40 same (circulat\$8<br>recirculat\$8 recycl\$8<br>return\$8)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:42 |

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| L42 | 19 | 41 and (phase adj<br>transfer) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2009/06/07<br>19:43 |
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